

Serial No. 09//804,198

Amendment Dated November 30, 2004
Reply to Action Dated June 30, 2004**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (Canceled).

- 1 2 (Previously presented). A blower having an impeller rotated by means of a
2 motor, comprising:
3 a base for supporting the motor in a frame,
4 the base provided at a central portion of the frame and supported at the
5 central portion of the frame by means of stays; and
6 a bearing apparatus for supporting a central portion of the impeller, the
7 bearing apparatus including:
8 a sleeve,
9 a stepped shaft including a larger diameter portion and a reduced
10 diameter portion,
11 a first raceway formed around an outer peripheral surface of the larger
12 diameter portion,
13 a second raceway formed on an inner peripheral surface of the sleeve so as to
14 correspond with the first raceway,
15 balls of a first row interposed between the first and second raceways,
16 an inner ring to the sleeve fit over the reduced diameter portion of the shaft
17 and secured thereto,

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18 a third raceway formed around an outer peripheral surface of the inner ring,
19 a fourth raceway formed on the inner peripheral surface of the sleeve
20 so as to correspond with the third raceway,
21 balls of a second row interposed between the third and fourth raceways, and
22 a chamber with front and rear portions formed in the base for
23 accommodating electrical components,
24 the chamber having an opening at the rear portion thereof,
25 wherein the rear opening of the chamber is occluded by a cover detachably
26 mounted on the base.

3 (Canceled).

1 4 (Previously presented). A blower having an impeller rotated by means
2 of a motor, comprising:
3 a base for supporting the motor in a frame, wherein the base is provided
4 and supported at a central portion of the frame by means of stays; and
5 a bearing apparatus for supporting a central portion of the impeller, the
6 bearing apparatus including:
7 a sleeve,
8 a stepped shaft including a larger diameter portion and a reduced diameter
9 portion,

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10 a first raceway formed at an axial position around an outer peripheral
11 surface of the larger diameter portion,

12 a second raceway formed on an inner peripheral surface of the sleeve so as
13 to correspond with the first raceway,

14 balls of a first row interposed between the first and second raceways,

15 an inner ring to the sleeve fit over the reduced diameter portion of the shaft
16 and secured thereto,

17 a third raceway formed around an outer peripheral surface of the inner
18 ring,

19 a fourth raceway formed on the inner peripheral surface of the sleeve so as
20 to correspond with the third raceway,

21 balls of a second row interposed between the third and fourth raceways,
22 and

23 a chamber with front and back portions formed in the base for accommodating
24 electrical components, wherein the back portion of the chamber is sealed by a
25 removable cover,

26 wherein the chamber is formed by the base having a flange extending to
27 form the back portion from an outer periphery thereof forming a cylindrical
28 body with a closed end, the chamber having a rear opening at the back portion
29 thereof, and wherein the rear opening of the base is occluded by the cover
30 detachably mounted by screws on the base.

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1 5 (Original). The blower as claimed in claim 2 wherein the balls of
2 the first and the second rows of the bearing apparatus are made of ceramic
3 material.

6-8 (Cancelled).

1 9 (Previously presented). The blower as claimed in claim 2, wherein the rear
2 portion of the chamber is at a downwind side of the blower.

1 10 (Previously presented and amended). The blower as claimed in claim 2,
2 wherein the chamber is formed by the base having a flange extending to form the
3 rear portion from an outer periphery thereof forming a cylindrical body with a
4 closed end.